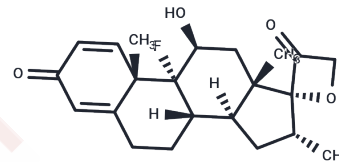


Dexamethasone oxetanone

Chemical Properties

CAS No. :	4089-36-5
Formula:	C ₂₂ H ₂₇ F ₀₄
Molecular Weight:	374.45
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Dexamethasone oxetanone (Dex-Ox) is a glucocorticoid-selective derivative of Dexamethasone (Dex) compound. It acts as an antiglucocorticoid and an antiprogesterin, demonstrating notable agonist activity with both PR A and B isoforms [1] [2].
Targets(IC50)	Others, Progesterone Receptor
In vitro	Dexamethasone oxetanone (1 μM) demonstrates substantial agonist activity on transfected progesterone receptors (PR) in CV-1 cells [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6706 mL	13.3529 mL	26.7058 mL
5 mM	0.5341 mL	2.6706 mL	5.3412 mL
10 mM	0.2671 mL	1.3353 mL	2.6706 mL
50 mM	0.0534 mL	0.2671 mL	0.5341 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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